

19981204.qrp v01\_n296.qrs.981204

Date: Fri, 4 Dec 1998 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1296

QRP-L Digest 1296

Topics covered in this issue include:

- 1) [26513] Re: Favorite Parts??  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 2) [26514] Re: MINI-L:New rig proposal (long)  
by William-McShan@ouhsc.edu (Mike McShan)
- 3) [26515] Re: MINI-L:New rig proposal (long)  
by n5inz@juno.com (John M Andrews)
- 4) [26516] Re: Fwd: GQRP - Sierra - extra PA module  
by John Evans - N0HJ <jaevas@codenet.net>
- 5) [26517] Re: Fwd: GQRP - Sierra - extra PA module  
by John Evans - N0HJ <jaevas@codenet.net>
- 6) [26518] Misc FS/Trade/Want items  
by Grant Taylor <k7gt@qsl.net>
- 7) [26519] Solar/RGSA Info 12-3  
by Paul Harden <pharden@aoc.nrao.edu>
- 8) [26520] ICOM-706 Tune Control  
by "Barnaby J.O'Leary" <barnaby@ap.net>
- 9) [26521] Re: Acetone  
by Bruce Muscolino <w6toy@erols.com>
- 10) [26522] Re: Toroid Question, NC20 update  
by gsurrency@juno.com (Gary L Surrency)
- 11) [26523] Currency Conversion  
by Bruce Muscolino <w6toy@erols.com>
- 12) [26524] Re: MINI-L:New rig proposal (long)  
by W7LS <w7ls@blarg.net>
- 13) [26525] First JA almost  
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 14) [26526] Re: Toroid Question  
by Don Wilhelm <w3fpr@mindspring.com>
- 15) [26527] ELMER 200  
by k5zty@juno.com
- 16) [26528] Re: Antenna HELP!!  
by "david r" <elbc@pivot.net>
- 17) [26529] Code Oscillator  
by w2xn@juno.com (Fred J Kalt)
- 18) [26530] Favorite Parts?  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 19) [26531] RE: MINI-L:New rig proposal

- by Brian Kassel <bkassel@dancris.com>
- 20) [26532] re:CW INTERFACE FOR FM RIGS, ANYONE?  
by John Farler <jfarler@mis.net>
- 21) [26533] XZ1N on 14.022 02:00 UTC 3 Dec 98  
by "John Burnley" <burnley-ia@worldnet.att.net>
- 22) [26534] Gary Breed QRP T/RX builders ??  
by Duffer <hduff@ica.net>
- 23) [26535] Re: Color codes  
by lprzyski <lprzyski@erols.com>
- 24) [26536] Re:MINI-L  
by herr@ridgecrest.ca.us (Michael Herr)
- 25) [26537] Fox  
by w2xn@juno.com (Fred J Kalt)
- 26) [26538] MINI-L:New rig proposal  
by w0yse@juno.com (Neil Klagge)
- 27) [26539] Announcing the "Jersey Fireball 40" kit  
by "George Heron" <gheron@idt.net>
- 28) [26540] FOX---my red face!!!!  
by Bart Lawson <wlawson@pldi.net>
- 29) [26541] NorCal's December Meeting  
by Jerry Parker <jparker@fix.net>
- 30) [26542] NT/FOXI Then What?  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 31) [26543] Of QRP, BUBBA, FYBO, and other Oddities...  
by Joe Gervais <vole@primenet.com>
- 32) [26544] Norcal Meeting Demonstration of Res. Speaker.  
by we6w@juno.com (Ed Loranger)
- 33) [26545] CQC Swap List  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 34) [26546] Re: Toroid Question  
by we6w@juno.com (Ed Loranger)
- 35) [26547] Pi codes  
by Thomas Upton <stjohn@ocsnet.net>
- 36) [26548] Re: Favorite Parts??  
by Charlos Potma <Charlos.Potma@rivm.nl>
- 37) [26549] Re: Favorite Parts??  
by Tom Bowman <tbowman@nbn.net>
- 38) [26550] Help on 160  
by Ronald\_A\_Pfeiffer@res.raytheon.com
- 39) [26551] 11-2-10 VCO Coil slugs  
by Al Gritzmacher <ae2t@bigfoot.com>
- 40) [26552] Re: Toroid Question  
by kkanalz@optelinc.com
- 41) [26553] Re: Antenna HELP!!  
by kkanalz@optelinc.com
- 42) [26554] Odd call during Foxhunt last night?  
by DNT1@daimlerchrysler.com
- 43) [26555] DMM SUMMARY, was RFI: DMM

by K0RWC <rcw@frii.com>  
44) [26556] Re:Antenna HELP!!  
by vlantz@juno.com (Vann G Lantz)  
45) [26557] Re:Antenna HELP!!  
by vlantz@juno.com (Vann G Lantz)  
46) [26558] Re:Antenna HELP!!  
by vlantz@juno.com (Vann G Lantz)  
47) [26559] Cool Digital Multimeter  
by Jim Fielden <fielden@utkux.utcc.utk.edu>  
48) [26560] CT1ETT in UK in California again  
by Rogerio Gonzaga <gonzaga@med.up.pt>  
49) [26561] 80M XTAL for Pixie-2  
by vlantz@juno.com (Vann G Lantz)  
50) [26562] Christmas News from Morse Express  
by "Marshall Emm" <mgemm@mtechnologies.com>  
51) [26563] Re: Acetone  
by William-McShan@ouhsc.edu (Mike McShan)  
52) [26564] MINI-L=basic Y2K rig, maybe?  
by w7ls@blarg.net  
53) [26565] SOLD: BY-1 paddles  
by Grant Taylor <k7gt@qsl.net>  
54) [26566] Aug qex vfo?  
by James Skalski <jskalski@buffnet.net>  
55) [26567] Opinion Received: wire and ladder line  
by Roger Traylor <traylor@ECE.ORST.EDU>  
56) [26568] Fall QRPp  
by Jeff Johnson <jeff@san-dc.com>  
57) [26569] TG9NAKR call  
by Grant Taylor <k7gt@qsl.net>  
58) [26570] Re: CW INTERFACE FOR FM RIGS, ANYONE?  
by W7LS <w7ls@blarg.net>  
59) [26571] RE: Acetone  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
60) [26572] Zombie Badges  
by "Earl S. Mead" <k6esmead@pacbell.net>  
61) [26573] FAR  
by bkobie@webtv.net (patrick obrien)  
62) [26574] Wanted! Backpacking pics and tales!  
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>  
63) [26575] Re: Web Page Site Suggestions  
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>  
64) [26576] Elmer - antenna help  
by "Keith Norrell" <knorrell@burgoyne.com>  
65) [26577] Re: MINI-L:New rig proposal (long)  
by SKIPNC90@aol.com  
66) [26578] Re: ELMER 200 crystal oscillator circuit  
by Chuck Adams <adams@ticnet.com>  
67) [26579] Re: MINI-L:New rig proposal (long)

by applitech@mcg.net (Claton Cadmus)  
68) [26580] Fwd: GQRP - Sierra PA Module - extra info  
by John Evans - N0HJ <jaevans@codenet.net>  
69) [26581] N/T+ FOX Reminder for tonight!!!  
by applitech@mcg.net (Claton Cadmus)  
70) [26582] COLD BEACON  
by RangerSF5@aol.com  
71) [26583] Elmer - Antenna  
by "Keith Norrell" <knorrell@burgoyne.com>  
72) [26584] Re: FOX  
by "N4XY Ed Tanton" <n4xy@email.msn.com>  
73) [26585] Acetone  
by Jerry Henshaw <jerryh@webzone.net>  
74) [26586] Re: FAR  
by Arthur Moe <kb7ww@chatusa.com>  
75) [26587] Re: Currency Conversion  
by mwattcpa@earthlink.net (Marty Watt)  
76) [26588] Re: Odd call during Foxhunt last night?  
by "Edward A Kwik jr" <eakwikjr@hti.com>  
77) [26589] Re: Favorite Parts?  
by "N4XY Ed Tanton" <n4xy@email.msn.com>  
78) [26590] Son of Fireball meets Jersey Fireball 40  
by William-McShan@ouhsc.edu (Mike McShan)  
79) [26591] Re: Favorite Parts??  
by Chris Trask <ctrask@primenet.com>  
80) [26592] Leaving the list...  
by "Paul R. Valko" <prvalko@oakland.edu>  
81) [26593] Re: MINI-L:New rig proposal  
by "ALAN KAUL" <alan.kaul@worldnet.att.net>  
82) [26594] QRP-L is down  
by lujce@Lehigh.EDU

-----  
Date: Thu, 3 Dec 1998 18:00:45 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [26513] Re: Favorite Parts??  
Message-ID: <199812032247.RAA09772@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

My favorite parts are :  
1, ones that I have  
2, ones that I can get  
3, ones that get the job at hand done right!

With so many parts to choose from, it's pretty hard to call one a favorite :-)

But when I was a kid, the 6AU6 was definitely my favorite tube!  
72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Thu, 3 Dec 1998 17:03:06 -0600  
From: William-McShan@ouhsc.edu (Mike McShan)  
To: qrp-l@Lehigh.EDU  
Subject: [26514] Re: MINI-L:New rig proposal (long)  
Message-ID: <v01540b06b28cc8781e5f@[157.142.56.167]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Building each receiver stage on one of the Radio Shack 20-pin circuit  
>boards would make the construction uniform, accessible to most, and a bit  
>easier because of the universal design!! And interestingly, people could  
>easily choose optional designs -- i.e. one person wants an audio output  
>stage based on LM380, and someone else wants to build it using an LM386 or  
>other chip -- no sweat! In fact that would encourage more people to submit  
>their favorite designs for various stages....  
>

Doug DeMaw had an article that used a similar idea - mounting the building blocks on IC headers. Allowed plug 'n play experimentation. The article is included in "QRP Classics."

72,  
Mike N5JKY  
Edmond, OK

-----  
Date: Thu, 3 Dec 1998 17:11:12 -0600  
From: n5inz@juno.com (John M Andrews)  
To: kd7s@psnw.com  
Cc: qrp-l@lehigh.edu  
Subject: [26515] Re: MINI-L:New rig proposal (long)  
Message-ID: <19981203.171112.3558.0.N5INZ@juno.com>

You bet the world's ready, Bill-

I just think that if I hear about another 40 meter rig,  
I'll hibernate.

Hmmmm....think minimal...ok...Roger, your neighbor in LA(K6LMN?),  
makes a "cute" superhet receiver for about \$20. Autumn '96 Hambrew  
shows a nifty 6 meter converter with very few parts. QST had a  
converter about a year back using a computer TTL clock oscillator  
(40 mHz). A great combination.

Most of the oscillators and front end filters in the QRP rigs  
I've seen use the green-core 10.7 if cans.  $40+10=50$ . A 30 metre  
IF is a natural for 6.

Solid State Design shows a 6 meter xtal controlled transmitter.  
It was based on the Universal design and I think FAR carries  
the board, easily modified for 6.

Well...just mutterings from San Antonio.

72, John-N5INZ

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 03 Dec 1998 16:21:13 -0700  
From: John Evans - N0HJ <[jaevans@codenet.net](mailto:jaevans@codenet.net)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu), [kanga@bright.net](mailto:kanga@bright.net)  
Subject: [26516] Re: Fwd: GQRP - Sierra - extra PA module  
Message-ID: <36671CE9.BE01277E@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bruce Hopkins - KL7H wrote:

> Did a search on the i-net for the DL QRP Amp and was not able to find  
> any info... Does anyone know where this kit is available to US amateurs ???

As far as I know, folks, the only source for the amp is Helmut in  
Germany. I believe he is in some way associated with the FunkAmateur  
magazine or the G-QRP Club and I do not know if he is a vendor or just  
a helpful amateur. There was never any formal announcement over here



john

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: <a href="mailto:jaevans@cos.cst.titan.com">jaevans@cos.cst.titan.com</a>	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045  
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184  
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Thu, 03 Dec 1998 15:36:04 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [26518] Misc FS/Trade/Want items  
Message-ID: <36672064.3333@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have a Bencher BY-1 iambic paddle, a matching mike for the IC706 for sale or trade.

Need a good usable digital meter, 30m/Emtech, MFJ or SST,  
a 2- or 4-position QRO coax switch (manual),  
d.c. switch and distribution panel (like MFJ 1118)

Allan G Taylor, PE    K7GT    k7gt@qsl.net    Pleasanton/Livermore CA

Date: Thu, 3 Dec 1998 16:52:44 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-l@lehigh.edu  
Subject: [26519] Solar/RGSA Info 12-3  
Message-ID: <Pine.SOL.3.91.981203163306.21878B-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Many of you subscribe to some of the Space Environment Center reports, and have no doubt received the notification that this will go to a \$25 per user fee at the beginning of the new year. We of course receive these and many other reports at the observatory and are a perpetual



subscriber. I am working with a few people now to find out the legalities of continuing to post the solar information to qrp-l by either using our internal observatory solar data, or subscribing to the service myself for the purposes of reposting it to qrp-l when a solar event occurs (not necessarily daily). I do want to continue providing the solar/geomagnetic service to QRPers as I have been doing for the past year and a half. Will let you know what happens.

On the solar front ... the sun has been quiet lately, following a period of numerous M and X class flares. However, all of these flares occurred on the solar limbs and the particle radiation, that triggers geomagnetic storms, did not strike the earth, so this energetic activity went by fairly well undetected.

SOLAR FLUX IS STILL QUITE HIGH, coming down from the upper 170's and will remain around 150 for the next several days. Generally, 10M is open around a solar flux of 150 or higher, so we can expect good 10 and 15M propagation to continue through the weekend.

The GEOMAGNETIC A-INDEX is 4 today, and forecasted to be 10 or less over the next few days. This is generally quiet to unsettles conditions, which is only a concern on 40M and below.

So all HF bands continue to be in very good shape and should remain so over the weekend.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 337 ISSUED AT 2200Z ON 03 DEC 1998

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
> EXPECTED TO REMAIN QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

> IV. PENTICTON 10.7 CM FLUX  
> OBSERVED 03 DEC 153 <----- today's solar flux  
> PREDICTED 04 DEC-06 DEC 150/148/148  
> 90 DAY MEAN 03 DEC 131

> V. GEOMAGNETIC A INDICES  
> OBSERVED AFR/AP 02 DEC 004/004 <----- today's geomagnetic A-index  
> ESTIMATED AFR/AP 03 DEC 008/010  
> PREDICTED AFR/AP 04 DEC-06 DEC 010/010-010/010-010/010  
                                  ^^^^^^ ^^^^^^ ^^^^^^  
                                  FRI SAT SUN

72, Paul NA5N  
National Radio Astronomy Observatory

-----  
Date: Fri, 04 Dec 1998 17:13:48 -0800  
From: "Barnaby J.O'Leary" <barnaby@ap.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [26520] ICOM-706 Tune Control  
Message-ID: <366888CB.3489@ap.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

High Gang:

A previous posting alerted me to the 706-Tune Control by The BetterRF Co. Well, mine just arrived and was installed and I can say "Get One".

73,

Barnaby-KQ6EX

-----  
Date: Thu, 3 Dec 1998 19:26:47 -0500 (EST)  
From: Bruce Muscolino <w6toy@erols.com>  
To: PDouglas12@aol.com  
Cc: QRP-L@LEHIGH.EDU  
Subject: [26521] Re: Acetone  
Message-ID: <2.2.16.19981203191717.2a372784@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Preston,

Some places you have to ask the pharmacist for Acetone. It is a moderately controlled substance.

73

-----  
Date: Thu, 3 Dec 1998 17:29:08 -0700  
From: gsurrency@juno.com (Gary L Surrency)  
To: qrp-l@Lehigh.EDU  
Subject: [26522] Re: Toroid Question, NC20 update  
Message-ID: <19981203.173314.-4176449.1.gsurrency@juno.com>

MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

You toroid challenged folks are gonna *\*love\** the NC20 when you get it. It has 12, count 'em, 12 toroids. Two are bifilar wound, six are transformers with primaries + secondaries. The remaining four are simple inductors.

The PCB pads are laid out in such a way, that you *\*must\** wind the ones that are transformers so that their leads come off on the correct side. This means that you'd better start winding with only a couple of turns, then stop and check the toroid with the PCB pads to be sure you are winding in the correct direction and on the correct side. Even though I knew this when building mine, I would invariably get interrupted by the phone, kids, xyl, whatever. Then I would find I had started wrong and had to begin all over again.

Take it from me; when you get this kit - you are gonna be an expert in toroid winding after you finish it! ;-)

Dave Fifield has designed the rig to have performance to spare, and no effort was spared when it came to deciding whether or not to include another toroid if it was the best way to do it. As an example; when an impedance transformation was needed between stages, and a toroid transformer was the preferred way to accomplish it. I think you'll be happy with the results.

The unit I have has excellent performance and signal quality on both RX and TX. The prototype is pretty much through the debugging stage now, and only finishing touches are being made on things like VFO drift, and chassis / control location and fit. Some parts are still to be ordered and received, too.

If 20m is open in the early evening, you can probably hear me taking the rig through its paces. I operate around the "standard" QRP calling frequency of 14.060 MHz, +/- QRM.

Hopefully when this kit ships, traffic on the QRP-L will shift toward a more "appropriate" topic for a while. We all need some construction to keep us busy, off the computer, and on the air. It's coming folks; it's coming. Thanks for your patience.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 3 Dec 1998 19:37:05 -0500 (EST)  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [26523] Currency Conversion  
Message-ID: <2.2.16.19981203192734.2a37a3c4@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Guys,

No matter where you find your currency conversion data -- on line or the Wall Street Journal, to buy a rig overseas you will usually have to go through some commercial currency conversion scheme. The least expensive is probably an overseas bank with offices here in the US. I notice that Deutsche Bank and some American financial institution are joining forces to bite off an even larger chunk of the market. You could try one of their offices. But you shouldn't think in terms of sending US Dollars over there to get Deutsche Marks. They will likely have trouble from their tax collector as well as their bank!

73

-----  
Date: Thu, 03 Dec 1998 16:54:58 -0800  
From: W7LS <w7ls@blarg.net>  
To: kd7s@psnw.com  
Cc: qrp-l@lehigh.edu  
Subject: [26524] Re: MINI-L:New rig proposal (long)  
Message-ID: <366732E2.7FDF@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

That's a wonderful idea. I propose that we establish a definite time frame to conclude the design, otherwise it will drag on forever.

Jim W7LS

Bill Jones wrote:

>  
> Have you built or used a 40-9er transceiver, a Pixie II transceiver, a  
> Neophyte or Sudden receiver or a Oner transmitter? If you have, you  
> already know how much fun "minimalist" ham gear can be. With that in  
> mind, I'd like your input on an idea that has been rattling around my  
> head for over a year. Here it is.  
>  
> I would like to assemble a small team of volunteer designers, builders,  
> writers and testers from the ranks of qrp-l. The team would develop a  
> new "minimalist" transceiver ---but with a twist. That is, it would be  
> an expandable, modular design. The "basic" module would consist of only  
> those stages necessary to build a bare bones transceiver similar in  
> parts count and performance to the 40-9er or Pixie II. Additional  
> modules could be built, as desired, to add features. Enhancements might  
> include a sharp audio filter, TiCK keyer chip, speaker amplifier, r.f.  
> amplifier or perhaps even multi-band capabilities. The builder makes  
> the choice about how simple or complex his or her rig will be.  
>  
> Keep in mind that the concept here is not to create another Sierra or  
> OHR-500. I'm talking about an expandable "Altoids" rig. I propose we  
> call the rig the MINI-L....MINI for being a minimalist design and the  
> "L" because it would originate from talent found on qrp-l.  
>  
> So, what do you think? Is this do-able? Is the world ready for another  
> "toy" radio?  
>  
> If you respond to this e-mail via qrp-l, please preface your message  
> with MINI-L: so those not interested can filter the messages out. I  
> will collect responses (without comment) for about a week after which I  
> will report my findings to the group as a whole.  
>  
> =====  
> Bill Jones - KD7S <><  
> Sanger, California  
> <http://www.psnw.com/~kd7s>  
> =====

-----  
Date: Thu, 03 Dec 1998 19:50:38 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [26525] First JA almost  
Message-ID: <366731DD.56B6313D@hti.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well I just got done working my first JA station. Well almost. I tail ended and got JA7BEN to come back to me on the first call. He copied my call as AB8DG and I could not get him my correct call after many repeats. I got a 339 and Ben was a 559 here in MI. QTH was Oyama nr Tokyo. 21.04 Mhz at 0014 UTC using my Triton IV at 5 watts into a 105 ft. center fed dipole at 40 feet. I then answered JA1CPZ calling CQ but no luck there. QRP is great stuff. Now to get tonights Fox!

Ed AB8DF Waterford, MI qrp-l# 1444

-----  
Date: Thu, 03 Dec 1998 20:10:13 -0500  
From: Don Wilhelm <w3fpr@mindspring.com>  
To: qrp-l@Lehigh.EDU  
Subject: [26526] Re: Toroid Question  
Message-ID: <3.0.1.32.19981203201013.0069e77c@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Being a lefty, I have experienced the "backwards toroid" problem many a time. When I find I have wound one "backwards", I have a choice to make - either rewind the beast, or mount it as-is in some way to get the leads through the right holes. Turning it around will not solve the problem, and Lee is right about the taps. I usually just mount it unless it is in a critical part of the circuit. At HF, it likely will make no difference, but in situations where lead length will be troublesome, I opt to re-wind it - looking carefully at the intended winding direction.

72,  
Don

>Lee Bahr wrote:

>NO NO NO. You would not accomplish anything by turning it over. You would still not have the wires coming out in the correct places. If the core had a tap this would cause a problem too. Electrically there is nothing wrong with a backwards wound toroid, but physically it won't match the circuit board even if you flip it over on its other side. Lee Bahr w0vt

dave\_epps@juno.com wrote:

> The instructions for winding the toroids in my current project state.  
> "The PC board is laid out with offset solder pads for the toroids. If you  
> wind them backwards, the offset will not match."  
> Does this mean I couldn't wind it the other (circular) direction and then  
> just  
> turn it around? Aren't both sides of the toroid the same?  
> dave ab5pc fresno, ca.

-----  
Date: Fri, 4 Dec 1998 04:08:18 -0600  
From: k5zty@juno.com  
To: qrp-1@lehigh.edu  
Subject: [26527] ELMER 200  
Message-ID: <19981204.041013.10262.0.k5zty@juno.com>

Chuck or someone in the know,

I don't have one of the Six Pac boards for the crystal checker and I can't seem to find the circuit for it around here anywhere, but I found a circuit for one in Mike Czuhajewski's "Idea Exchange" in the July '96 QRP Quarterly.

It is also in "QRP Power" on page 5-12 along with a pretty good paragraph on testing crytals. It is called the "G3UUR Method For Measuring Quartz Crystal Motional Parameters"

If I built this crystal checker would it do for the Elmer 200 crystal lessons? I'm getting behind a little here as I don't have a checker yet.

Bill, K5ZTY

Houston TX

k5zty@juno.com

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 3 Dec 1998 20:30:45 -0500  
From: "david r" <elbc@pivot.net>  
To: <vlantz@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [26528] Re: Antenna HELP!!  
Message-ID: <004001be1f25\$c1e4c940\$f11199d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Vann G Lantz <vlantz@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, December 03, 1998 2:04 PM

Subject: Antenna HELP!!

>I am brand spanking new to QRP. I am building a Pixie 2 80M, and I will  
>be building something else next for 40M. I have a small lot and need an  
>antenna for the pixie.

>

>I do not have the room for a 1/2 wave dipole (130+ feet). I have a  
>height restriction of 40 feet. The antenna I put up does not have to be  
>able to run on 40M as well, but it would be nice.

>

>What can I do??

>

>Do I need an antenna tuner, and if so, can I build one??

>

>Vann Lantz, KF4QHJ, AL

>VLantz@Juno.Com

>"If there is no God, then who pops up the next Kleenex in the box?"

>

>

>-----  
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]

>

Hi,

you didn't say how much room you do have available.. trees, etc. if we  
know that we might be able to help better.

a tuner is a definite plus if your working more than one band... and yes  
they really are quite easy to build.. emtech make a nice little qrp tuner  
kit.. called the zm 2 that works well and there are several other that kit  
tuners also..

73 DAVE KC1DI/qrp

-----

Date: Thu, 3 Dec 1998 20:35:32 -0500

From: w2xn@juno.com (Fred J Kalt)

To: qrp-1@lehigh.edu



Subject: [26529] Code Oscillator  
Message-ID: <19981203.204847.-854395.7.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Many thanks to all who took the time to send me info on a code oscillator.

fred w2xn

-----

Date: Thu, 03 Dec 1998 20:50:04 -0500  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Cc: NJQRP Club <njqrp@njqrp.org>  
Subject: [26530] Favorite Parts?  
Message-ID: <36673FCC.534B7267@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'd like to expand on KK6MC/5's idea a bit. Lately, several places in the QRP press have talked about the growing unavailability of some RF parts and the potential dwindling supply on parts with leads on them. As someone who scrounged tubes for too many years (and I have the 3TF7s to prove it), I'd really like to hear from folks about what semiconductors and other parts I should be filling my parts bins with now if I hope to continue to build things out of Doug DeMaw and Wes Hayward's books. Can anyone give us an idea of what to stockpile???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Thu, 03 Dec 1998 18:31:17 -0700

From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [26531] RE: MINI-L:New rig proposal  
Message-ID: <36673B64.6D9BEF5A@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gangue:

This is a great idea! I might suggest that each module be designed so that each exhibits a 50 ohm input and output impedance, where possible, or at least a relatively low impedance. That will allow changing out modules and easy experimentation.

Also I like the idea of using the Radio Shack DIP PCB's. They are cheap, and readily available.

I have actually played around with this concept to some degree. I used single stage 2N2222 broad band amps to great advantage. I used leads cut off from the components that were used to build the circuit, as the input/output termination's, and dead bug PCB island construction. It is amazing just how many ideas can become reality with this idea. All of the BB amp modules are re-usable, and of course with in/out impedance known, the possible combinations are almost endless.

Others have built the little BB amps with great success. I supplied the hand drawn pictorial, which they simply followed. Of course lot's of other circuits are needed besides amps, but the ideas presented here may help the project along a bit.

We should strive to make the overall construction just as easy as possible to allow newbies to get involved and graduate from kit building more towards scratch building. That step seems to be a real stumbling block for lot's of beginning folks. We need to remove the fear and consternation. Scratch building is not a big deal, and is ultimately very rewarding. It's winter, the holidays, and I smell solder melting.

Let's just do it!

It's great to see those "tiny little gray cells" working out there.

Brian W5VB0  
AZ ScQRPions

-----  
Date: Thu, 03 Dec 1998 21:03:14 -0500  
From: John Farler <jfarler@mis.net>  
To: qrp-l@lehigh.edu  
Cc: K5xu@cris.com  
Subject: [26532] re:CW INTERFACE FOR FM RIGS, ANYONE?  
Message-ID: <366742E2.62D@mis.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You might try the circuits at the Tech Bench Elmers ARS at

[Http://www.geocities.com/SiliconValley/2775/mcwintro.html](http://www.geocities.com/SiliconValley/2775/mcwintro.html)

There is a good circuit there for this use which is supposed to put out  
a good sine wave signal on MCW.

Mike wrote:

>My radio club is planning to begin some code practice sessions via one of  
>our two meter repeaters. I think there are some commercial interfaces  
>which will allow a key or keyer to be injected into the mic jack of an fm  
>rig. If so, what's your experience. If not, any sources for a home-brew  
>design of such a package?

>72,  
>Mike Duke, K5XU,  
>President,  
>Mississippi Council of the Blind  
><http://www.prestridge.com/mcb/>

John Farler, K4AVX, QRP-L #1753  
jfarler@mis.net

-----  
Date: Thu, 3 Dec 1998 20:05:34 -0600  
From: "John Burnley" <burnley-ia@worldnet.att.net>  
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>  
Subject: [26533] XZ1N on 14.022 02:00 UTC 3 Dec 98  
Message-ID: <19981204020522.LVCG1088@burnley-ppp.phibred.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

For those of you needing SE Asia.....good luck.

72, John NU0V

-----  
Date: Thu, 3 Dec 1998 21:09:03 -0500 (EST)  
From: Duffer <hduff@ica.net>  
To: qrp-1@Lehigh.EDU  
Subject: [26534] Gary Breed QRP T/RX builders ??  
Message-ID: <1.5.4.16.19981203211823.0ec796b4@ica.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'd like to hear from any builders/users of the  
Gary Breed QRP rig that was featured in QST and the  
ARRL Handbook...the RX is centered around the MC3362  
RX chip. I'm in the process of building one for 20m.  
Feedback by e-mail please !

Hugh VA3TO  
va3to@rac.ca

-----  
Date: Wed, 11 Nov 1998 09:46:58 -0500  
From: lprzyski <lprzyski@erols.com>  
To: w0yse@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [26535] Re: Color codes  
Message-ID: <3649A361.6B9CD1D8@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang!

Color code mania...

BBROYGBVGW = "Better Be Right Or Your Great Big Venture Goes Wrong!"

Is the one I've become fond of over the years. Credit goes to a college  
electronics instructor, Mr. Edward Arnold.

72, Larry - K3PEG

"I love the smell of flux in the morning... smells like circuitry."

-----  
Date: Thu, 3 Dec 1998 19:32:20 -0800 (PST)  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: kd7s@psnw.com, qrp-l@lehigh.edu  
Subject: [26536] Re:MINI-L  
Message-ID: <v01530500b28c8d3a6a48@[208.138.142.207]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>Have you built or used a 40-9er transceiver, a Pixie II transceiver, a  
>Neophyte or Sudden receiver or a Oner transmitter? If you have, you  
>already know how much fun "minimalist" ham gear can be. With that in  
>mind, I'd like your input on an idea that has been rattling around my  
>head for over a year. Here it is.

>  
Bill,

I've had a similar idea in mind and Arnie C02KK has been talking something similar on his radio show. My thought was not to make a single transceiver that one builds and is done with but rather a transceiver that could be added to, modified, expanded as others have ideas, new designs, the builder capability expands, etc. It would not be a small, micro design shoehorned in a box but something with room for experimentation. It should be modular, with a standard size proto board, say the size of one of the Radio Shack protoboards. You could start with a simple NE602 direct conversion board and an audio amp board. Don't have a NE602 available? Then build a discrete DC mixer out of a couple 2n2222, or even a passive mixer plus a vfo. Later one could expand it into a superhet but the original boards could be used in the product detector. Reuse and expand as desired. The designers wouldn't need to design a complete rig, just a portion. The builder could build, insert and decide if they liked it or not.

I guess you could say it would never be finished, always evolving, expanding or contracting to the builders desires. If we keep a common interface between the modules and the size common, it would never be obsolete. Just a thought and my two cents.

72

Mike WA6ARA

-----

Date: Thu, 3 Dec 1998 23:13:17 -0500  
From: w2xn@juno.com (Fred J Kalt)  
To: qrp-l@lehigh.edu  
Subject: [26537] Fox  
Message-ID: <19981203.231318.-894445.1.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Conard,

How you can ever pick a callsign out of that "music" is beyond me. But, nice job. My congrats to you for doing a great job tonite. You had a good signal here in FL near Tampa, some QSB, but mostly good and readable. Tnx again for being a fox tonite.

Oh bye the way, the pelt looks good on my wall, tnx Conard

Fred W2XN  
Lakeland, FL  
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP  
#233 QRP-L #1728  
My Web Page:  
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

-----  
Date: Thu, 3 Dec 1998 20:35:38 -0700  
From: w0yse@juno.com (Neil Klagge)  
To: qrp-l@Lehigh.EDU  
Subject: [26538] MINI-L:New rig proposal  
Message-ID: <19981203.211352.-184763.0.w0yse@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bill,  
I like your idea. COME ON GANG, lets hop to it.

72 , Neil, w0yse since '54

Bill wrote:  
"Have you built or used a 40-9er transceiver, a Pixie II transceiver, a

I would like to assemble a small team of volunteer designers, builders, writers and testers from the ranks of grp-l. ....etc...

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

The NJ-QRP Club is pleased to announce availability of a small, cool and fun "stocking stuffer" QRPp transmitter for all to enjoy: the Jersey Fireball 40.

Clark chose an oscillator can frequency of 28.322 MHz as a starting point, added some simple circuits to divide down the fundamental frequency so as to hit 80m, 40m, 20m as well as 10m. Being the technical purist he is (or as much as he can be in this category of projects), Clark also decided to put a low pass filter on the design ... AND we've provided pads on the printed circuit board for a TiCK keyer chip! All you have to do is drop in a chip and couple of components from the Embedded Research guys and you'll be paddling to your heart's content. This is one feature-packed little bundle!

This little transmitter was christened the "Jersey Fireball 40" ... the design puts out about 40 milliwatts, and we're providing the filter components for 40 meter operation. Jumper-selectable band operation will allow you to operate on the fundamental of 28.322 MHz, or on 14.161 MHz, or 7.080 MHz, or 3.540 MHz ... it's your choice!! And if you want to turn your project into the Fireball 80, Fireball 20 or Fireball 10, just substitute some L's and C's from your junk box per the filter charts provided.

Okay guys, now here's the real kicker ... the NJ-QRP gang is kitting up the "Jersey Fire-ball 40" and making it available to the QRP community for only \$10, postpaid anywhere. Ten dollars! Oscillator can, voltage regulator, divider IC, filter components, pcb with pads for a TiCK keyer, and a \*real\* nifty instruction sheet and web page construction guide. Ten dollars! We got a fabulous deal on the parts and we're passing it along to everybody here as a holiday deal. Did I mention that this kit is only \$10? :-)

The Jersey Fireball 40 isn't going to get you any trophies in the DX contests, any pelts in the Fox hunts, or any ooh's & aah's in the "bells & whistles" category of equipment in your shack ... BUT this little gem will go together in about 15 minutes and provide all sorts of amazing contacts for you. See how many miles-per-watt you can get with just a 9V battery and antenna!

You can order the Jersey Fireball 40 with a \$10 check or M.O. drawn on a US bank, made out to "G. Heron". Send it to: The NJ-QRP Club, 45 Fieldstone Trail, Sparta, NJ 07871.

72,

--George Heron, N2APB  
n2apb@amsat.org  
for the NJ-QRP Club <http://www.njqrp.org>

PS: The production quantity of pc boards are due in next week, and we wanted to have some website pictures available to go along with the announcement ... But there's been some recent interest in the oscillator can approach here on the lists and we wanted to let everyone know of this deal as soon as we could. Orders will be filled right away.

-----  
Date: Thu, 03 Dec 1998 22:50:04 -0600



From: Bart Lawson <wlawson@pldi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [26540] FOX---my red face!!!!  
Message-ID: <366769FC.1E9@pldi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All!

Well, I had heard Conard all night and kept sending my call--when he came back to me I started the exchange when suddenly my keyer locked up on dits! I was proudly using my just completed K8FF paddles(they weren't the problem). I jerked the cable out of my keyer and found my other set of paddles(all the time Conard and all the hounds were waiting patiently)and the dits started again!! Finally the keyer came unstuck and I completed the exchange -- Thanks to Conard and all the hounds!

The story doesn't end there! I go in to do the "Happy Dance" in front of my wife, she says, "What happened, your face is bright red?" I tell her the sad story and walk back into the radio room and hear my keyer going wild -- unattended!!

Thank goodness it was only 1.8 watts. Sorry for the QRM guys!!

Now, I better look at that keyer!!

72 es cul, Bart N5WL, qrp-1 #994

-----

Date: Thu, 03 Dec 1998 21:00:38 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [26541] NorCal's December Meeting  
Message-ID: <2.2.32.19981204050038.00b6cf98@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPers, the December meeting of the NorCal QRP Club will be held as usual Sunday December 6th at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and

you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,

Doug, KI6DS

-----  
Date: Thu, 3 Dec 1998 23:58:00 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:Zoerb.Ron@tci.com" <Zoerb.Ron@tci.com>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [26542] NT/FOXI Then What?  
Message-ID: <199812040000\_MC2-6263-DC25@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Ron:

Well I feel the same way...especially as I have not been able to work some of these fine ops myself :-(. Guess the problem is that the program is working too well and they are upgrading too early :-).  
Hmmm.....

I will take your idea and see about adding more N/T+ ops in. Actually, we have several on the list who have not begun yet. I will invite them to get with it....and may even look for a few new ones.

This would not be a problem for anyone, since we allow the N/T+ ops to work their own skeds (with prior approval, to try to spread them out a bit). How does this strike you? And, do you have anyone to recommend? I'm listening.

Thanks for your interest in and encouragement for these FB ops. They are doing a fine job and improving with each outing.

72/73,  
--Doc Lindsey/K0EVZ  
DSBF  
P.O. Box 7187  
Bismarck, ND 58507  
E-Mail 70511.3041@compuserve.com

-----  
Date: Thu, 3 Dec 1998 22:02:27 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [26543] Of QRP, BUBBA, FYBO, and other Oddities...  
Message-ID: <199812040502.WAA01376@usr09.primenet.com>

---====#Z ZZZZAP! #====---

(Opens door of the Tardis, dusts off coat, adjusts scarf...)

Howdy Folks!

As Zonker would say... Heeeee-Whackity-Dooooooo! Out

of the Pit of Despair and back to QRP and life in general! Missed you guys!

Hopped on the air for the first time in a geological epoch tonight to do some Fox Huntin' and, thanks to the mighty fine furry ears of Conard, walked away with a spiffy Fox Fur Fez to wear around the house all night. Won't the family be thrilled. :-)

Lots to catch up on, lots to do. BUBBA '98 results will be posted very soon. FYBO '99 is locked on, full details to follow in 3 days. QSLs will be generated, fruitcakes and Christmas puddings will be mailed. Monkeys will be de-loused. 'Tis a golden day.

So where the heck have I been? Long story. One which would doubtlessly annoy most of you, so I'll leave it at that. ;-) Suffice to say I'm now joyfully self-employed and free of the bonds (and... hmmm... stable paychecks...) of Corporate America.

So what's been going on? I've got about 3-4 months of QRP-L to catch up on, will try to scan through it this weekend. Is everyone remembering that we're HAVING FUN? :-)

Sorry for the bandwidth. Still pumped from the Fox Hunt, and good to be back. AZ ScQRPion meeting is this Saturday at the Mesa Hamfest, finally get to see everyone! Well, everyone who shows up. Bertie, the hot dogs are on me! :)

OK, I'll shut up now. Really. I'll go bug my wife instead. ;-)

PS- Get your pens ready to update your Christmas/Hannukah lists for FYBO supplies. Details to follow soon....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----

Date: Fri, 04 Dec 1998 00:01:14 EST  
From: we6w@juno.com (Ed Loranger)  
To: qrp-l@lehigh.edu  
Subject: [26544] Norcal Meeting Demonstration of Res. Speaker.

Message-ID: <19981203.205312.4679.0.we6w@juno.com>

That's right gang. I lucked out and have secured a ride by a very kind soul. Barnaby is a fine Chap and we caravanned last time. This time we'll ride together and get some serious Ham-Speak going on the ride down to the California Burger.

I have to check my notes, but I believe we'll get there when the fun starts at 10 AM.

I'll try to bring enough parts to demonstrate 5 or so configurations. I'll have some tuning forks to demonstrate volume and length resonances.

I'll also bring my pixie2 as an external signal source and demonstrate the signal peaking these things can do.

It should be a lot of fun, providing I don't get the booth next to the main entrance like last time....

P.S. I'm net control for WSN-40 at 9 AM PST Saturday <7040 KHz>. We'd love to break 20 QNI's for once. Drop your call, wait for your turn and pass it on to the next person. Very casual. Some guys just give their temp. and good mornings, others tell of projects and operating... It is fun to meet with the gang on the air for a few minutes each Saturday.

72/Ed we6w

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>  
Enjoying Ham Radio every day! Santa Rosa, CA.

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Thu, 3 Dec 1998 22:44:36 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu, cqclist@mtechnologies.com  
Subject: [26545] CQC Swap List  
Message-ID: <199812040544.WAA28654@edison.chisp.net>  
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

The CQC swap list has been updated. If you don't get it by e-mail, check it out at <http://www.cqc.org/cqcswap.htm> or let me know if you'd like to be put on the e-mail distribution list.

73

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
(303)752-3382  
--

-----  
Date: Fri, 04 Dec 1998 01:10:59 EST  
From: we6w@juno.com (Ed Loranger)  
To: dave\_epps@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [26546] Re: Toroid Question  
Message-ID: <19981203.220240.4679.8.we6w@juno.com>

Dave, you are right. You can turn the toroid around and use the other wire.

The problem is how you start the wire. If a toroid is laying on the table you have 4 choices.

Start at the left or right. AND Start under or over the side of the core.

If you start at the left holding the short wire while sliding the shuttle under and up and out the hole; continuing to lay turns until you get to the right half, you will end up with the first wire end touching the table and the second wire end up off the table.

If you start at the right underneath, as you started the last core, you will end up with a core that has the ends different by the first in that at the left side the end wire will be off the core.

AND you wound them both the same way, from underneath and up and out the core hole.

SOLUTION: (This is worth its weight in GOLD cores! Saved me every time)

Hold the core over the pads it will end up at on the PC board.

Find where the two holes are where the wire will come from the board, go around the core, then eventually into the other hole.

You will see that there is a start side and windings that got up the core and back down and out the correct side.

Works every time.

But if you just sit down and wind up a bunch of cores, some will go left to right, some right to left and come left to right with first turn down into the hole and others with first turn up and out of the hole.

And just when you decide you don't need to hold the core over the PC Board where it will be mounted, because you've done this a thousand times, someone puts the holes at 11/5 O'clock instead of 1/7 O'clock -- Time to re-wind...

I like to unwind after work, but not this way! :)

Good going buddy. This is a important building tip I've wanted to share for a long time. Hope it saves someone!

72/Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

Enjoying Ham Radio every day! Santa Rosa, CA.

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Thu, 03 Dec 1998 22:33:07 -0800  
From: Thomas Upton <stjohn@ocsnet.net>  
To: qrp-1@lehigh.edu  
Subject: [26547] Pi codes  
Message-ID: <36678222.A19326AB@ocsnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Along with the Color Codes memory jogger, remember

See I have a rhyme assisting, my feeble brain its tasks sometime  
resisting.

3 .1 4 1 5 9 2 6 5 3  
5 8 9

PI to 12 digits.

Tom AD6N

-----  
Date: Fri, 4 Dec 1998 10:24:01 +0100  
From: Charlos Potma <Charlos.Potma@rivm.nl>  
To: qrp-1@Lehigh.EDU  
Subject: [26548] Re: Favorite Parts??  
Message-ID: <C12566D0.003309B7.00@notesmta.rivm.nl>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

My favorites for HF are (or, what I find in the parts bin...):

J310, oscillator, buffer, U310 is too expensive here  
2N5179 for anything requiring some 'oomph'  
BC556/557/558 (pnp), BC546/547/548 (nnp), comparable to 2N3906/4  
for almost anything, to be bought in 1-pound bags  
BF245 g.p. fet, id.  
BF961, BF981 dual gate mosfets, oscillators, buffers, IF-amps  
BFR96 (nnp), high gain, high freq. amp.

NE592 video amp, use for everything where noise is not critical  
NE602 you know it already  
xx4064 PLL  
xx4066 quad switch  
NE5200 dual-MMC type amp, very stable  
NE5209/NE5219 variable-gain MMC-type amp, stable, but noisy  
NE5534 low-noise audio amp  
MC1350 IF amp with AGC

SL6440 Plessey mixer, still in great demand, pity that Plessey does not  
make these anymore



-----

new and exiting:

Analog Devices:

AD8307 log-detector, make sure you try this one!

AD8309 log-detector with limiter output, have not seen them yet

AD9850 125MHz clock DDS, use in synthesisers, signal generators

AD9835 50 MHz clock DDS, use as VFO

AD9832 25 MHz clock DDS, id.

Fairchild, Texas Instruments, Pericom:

3125, 3253 type switches to be used as mixers, see this list.

Also look at stuff from National Semiconductor, Maxim, Motorola etc.,etc.

Homebrewing in terms of acquiring parts has never been easier! Manufacturers have an incredible amount of data available on the internet.

Prices of most parts have been stable for the last few years.

The portable communications market has generated lots of new and exciting parts. Do not be afraid of using SMD. Try them, use cheap parts to learn how to solder them dead-bug style, Try to avoid making PCB's, too much effort for one-offs.

Remember that it is the mark of a good 'amateur' to think 'lateral' and find unexpected applications for new parts.

If you ask them nicely, most semiconductor producers will give you samples of new parts.

73,

Charlos Potma, PA3CKR

charlos.potma@rivm.nl

-----

Date: Fri, 04 Dec 1998 07:02:23 -0500

From: Tom Bowman <tbowman@nbn.net>

To: n4xy@email.msn.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [26549] Re: Favorite Parts??

Message-ID: <199812041202.HAA04795@mail.nbn.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

This is a great thread and the kind of advice we all can use.  
Anyone else with parts recommendations?

Tom, WA3REY

At 03:01 PM 12/3/98 -0500, N4XY Ed Tanton wrote:

>Now THIS is a good idea!!! Yes indeedy: the 2N2222A of course... and, now  
>that I ran into 1000 of 'em on ebay: the 2N3904. Preferably the metal  
>'2222A; and I've liked the 2N3904 since my time at Tektronix-where they were  
>a mainstay. The PNP counterpart to the 2N2222A is the 2N2907A... both great  
>transistors.

<>< Tom Bowman, WA3REY, Mount Gretna, PA 17064

tbowman@mt-gretna.com

<http://www.mt-gretna.com>

-----  
Date: Fri, 4 Dec 1998 07:25:46 -0500  
From: Ronald\_A\_Pfeiffer@res.raytheon.com  
To: qrp-l@Lehigh.EDU  
Subject: [26550] Help on 160  
Message-ID: <852566D0.00444812.00@ressud-as01.res.ray.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

After reading post by KU7Y I attempted to operate on 160 last night.  
Well I turned the power down and hit the "tune" button and all the smoke  
detectors in the house starting "singing". Does not matter what power out  
each time I hit the key they went off! I have a TS850 and does anyone  
have any suggestions? My antenna is a Carolina Windom for 40 meters  
strung in the attic.

Ron - N1ZSW

-----  
Date: Fri, 04 Dec 1998 08:06:14 -0500  
From: Al Gritzmacher <ae2t@bigfoot.com>  
To: qrp-l@lehigh.edu  
Cc: "Steven Weber" <kd1jv@mailhost.ncia.net>

Subject: [26551] 11-2-10 VCO Coil slugs  
Message-ID: <2.2.32.19981204130614.006d0ae8@localnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For those of you having trouble with the glued VCO slugs, here's some more info.

Mine initially moved downward, but not up. I used acetone (actually nail polish remover, which contains acetone, use the pure stuff if you have it.) and it started to come up. But the acetone must have dried as the core was coming out and it stuck again and the slot broke in the slug. I was unable to move it any more.

Actually, I got sidetracked into looking for solvent for superglue (cyanoacrylate) which I tried, but in retrospect, the acetone is the stuff that works.

I ordered a new coil from Radio Shack. They can get them from their parts department. Ask for the L501 Coil, Voltage Control Oscillator, part #10568277 for the RS 21-1701 radio. They are \$1.99 plus \$1 shipping. Their computer said they had only one left in stock when I ordered it, but I'm sure they will get more. It is possible Maxon has them too. Their Customer Service is 1-800-922-9083.

Since I had nothing to loose at this point and was waiting for the new part, I removed the coil from the board. The bottom is closed, but what if I drilled it? The schematic shows a capacitor as part of the coil assembly. Was it in the base, or along the side of the coil? I decided I had nothing to loose by finding out.

I drilled a small hole in the center of the form with a very small jewelers screwdriver. I use these almost as much as twist drills as I do screwdrivers! It went in easily and the bottom was very thin. I kept enlarging it, finally up to a 9/64 twist drill bit. Sure enough, there is another slot in the bottom of the core and it came out easily through the bottom when I applied more acetone.

Don't know if it will work yet, I have found another core that is close enough that if I need it it should work. I'll find out soon. But don't give up on the stuck core.

#### Summary:

Use the acetone, even if you have to run out to a drug store to get it.  
If you can move the core down, but not up, consider drilling the bottom out.  
It is easy to clean out the form with the core out.  
If it is totally hopeless, the replacement should be available.

A1 AE2T

-----  
Date: Fri, 4 Dec 1998 07:49:55 -0600  
From: kkanalz@optelinc.com  
To: dave\_epps@juno.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [26552] Re: Toroid Question  
Message-ID: <862566D0.004C2351.00@hdqsmtp01>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Nope, Dave.... they have a left side, a right side and an in-side...  
oh yeah! don't forget the "outside"!

Karl K. - W8TIF  
McKinney, Texas

p.s. You didn't really think I was serious, did you? Of \*course\*  
you can "turn it around"!

-----  
Date: Fri, 4 Dec 1998 08:05:06 -0600  
From: kkanalz@optelinc.com  
To: vlantz@juno.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [26553] Re: Antenna HELP!!  
Message-ID: <862566D0.004D8478.00@hdqsmtp01>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Well, with those kinds of restrictions, I'd consider either a  
G5RV (about 102 feet long), or better still, a multi-band  
vertical antenna.

Most commercial verticals (such as the Butternut HF6V or

the Cushcraft R7) are well under 40 feet in height, work multi bands and are d-u-r-a-b-l-e. Verticals have an advantage of being "low profile" to help keep neighbors happy.

Karl K. - W8TIF  
McKinney, Texas

-----  
Date: Fri, 4 Dec 1998 09:24:59 -0500  
From: DNT1@daimlerchrysler.com  
To: qrp-l@Lehigh.EDU  
Subject: [26554] Odd call during Foxhunt last night?  
Message-ID: <052566D0.004F28DE.00@Ingodd02.notes.chrysler.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Hi all,

I guess that Cookeville is in my skipped zone, never even heard the fox (WS4S) last night. Sure did hear all of the different stations working him, also all of the other stations having QSO's or calling CQ on top of the pile-up.

Reason for this post: Did anyone else copy a wierd sounding call right on top of the pileup during the last 30 min. or so of the hunt? I copied a guy calling CQ that was signing "TG9NAKR" or at least that's what his sending sounded like. He wasn't sending particularly fast or steady, so I suppose that it could have been "TG9XKR" but I wasn't able to get any info on him from the QSL server or the QRZ & Buckmaster databases. I know he was there (along with a lot of other stations who didn't seem to hear the pile-up), just wondering if he was legit or a pirate...

72,

Don T.            AI4CW            QRP-L#1670

P.S. :    Ed (WE6W), I heard you calling the fox FB, so your rig was doing well here in EM64pw. Sounded quite solid, no drift or odd sounding stuff on my end!

-----

Date: Fri, 04 Dec 1998 07:26:29 -0700  
From: K0RWC <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [26555] DMM SUMMARY, was RFI: DMM  
Message-ID: <3.0.5.32.19981204072629.00804840@mail.frii.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

He Di Ho Tiny Radio Fans:

Well the over whelming DMM choice is FLUKE. So what did I do? I bought a HP971! Couldn't help it Brand/Employee (I work for HP) loyalty.

In the mail I received FLUKE or a specific FLUKE meter was mentioned 12 times. Other brands mentioned were HP(3), TechAmerica/Radio Shack(3), Wavetec(2) & Circuit Specialists(1). Of the FLUKE models mentioned the series 80, 70 & 23 were mentioned specifically. I seriously considered the FLUKE 83 but at \$275 it was a little pricey for me. The HP971 was only \$199. The 83 & 971 have very similar features & specs. I concluded the price difference was due to brand name & lifetime warranty that FLUKE offers.

So, there you go hopefully this summary will be useful to others.

Four respondents mentioned I should keep my 260, I planned on it! Just going to retire it to a cushy retirement, on a tidy bench, like the one on the front cover of the QRP Handbook. ;-)

---

72/3 K0RWC  
Rod Cerkoney, QRP-L #1764.  
Fort Collins, CO  
da di dah

-----

Date: Fri, 4 Dec 1998 08:48:43 -0600  
From: vlantz@juno.com (Vann G Lantz)  
To: qrp-l@Lehigh.EDU  
Subject: [26556] Re:Antenna HELP!!  
Message-ID: <19981204.085350.9894.2.VLantz@juno.com>

>>Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.  
>> I think we need a little more information. How much room do you have for an antenna?

Please see a message I just posted for more information. I did forget to mention that to two trees are about 45-50 feet apart.

>> You didn't indicate if this was to be your main rig.

Believe it or not, yes. The pixie will be my main rig. I have an Atlas 210X but it will not transmit but at QRP levels. I have not been using it to transmit because I don't want to blow up anything else. I am hoping to get it fixed one day, if I can find anyone you knows anything about this rig. It recieves great tho.

Vann Lantz

VLantz@Juno.Com

"If there is no God, then who pops up the next Kleenex in the box?"

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 4 Dec 1998 08:36:25 -0600  
From: vlantz@juno.com (Vann G Lantz)  
To: qrp-1@Lehigh.EDU  
Subject: [26557] Re:Antenna HELP!!  
Message-ID: <19981204.085350.9894.0.VLantz@juno.com>

>>DAVE KC1DI/qrp  
>>you didn't say how much room you do have available.. trees, etc. if  
we  
>>know that we might beable to help better.

I have a lot of 50 X 150. The house is about dead center, and 36 feet wide. In the backyard there are two trees, a 35 foot dogwood and a 50+ foot pecan tree. Between the two trees is a large metal patio roof. My rig is going to be on the second floor, and right at a window at the peak of the roof line.

Vann Lantz

VLantz@Juno.Com

"If there is no God, then who pops up the next Kleenex in the box?"

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 4 Dec 1998 08:42:42 -0600

From: vlantz@juno.com (Vann G Lantz)  
To: qrp-l@Lehigh.EDU  
Subject: [26558] Re:Antenna HELP!!  
Message-ID: <19981204.085350.9894.1.VLantz@juno.com>

>>DJ Rock  
>>what part of alabama are you from?  
>>Im over here in Marietta GA. my brother lives near Auburn.

I am in West Central AL, in Tuscaloosa.

My hope is to be able to talk to my grandfather, KB6ENT, in Southern CA.

Vann Lantz  
VLantz@Juno.Com  
"If there is no God, then who pops up the next Kleenex in the box?"

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 4 Dec 1998 09:58:02 -0500 (EST)  
From: Jim Fielden <fielden@utkux.utcc.utk.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [26559] Cool Digital Multimeter  
Message-ID: <Pine.LNX.3.95.981204094545.774A-100000@qrp.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow after almost 6 months of trying to decide on a DMM I've at long last sent money out for one.

I decided on the Wavetek 27XT Auto-Ranging Digital Multimeter with Inductance Measurement. It's in the latest TechAm flyer for \$99.95 and for the price I've never seen one loaded with so many features. DC Volts, AC Volts, DC Current, AC Current, Resistance, Inductance 1mH to 20H, Capacitance 1pF to 200uF, Logic Test TTL & CMOS, one of the coolest features I think is a 10Hz to 20MHz Frequency Counter, also has Continuity Test and Diode Test.

I don't work for TechAm as a matter of fact this is the first time I've ordered from them, also never heard of Wavetek, but I thought I would share the info, just incase anyone else has been looking around for a do everything DMM.

This should be a good couple months for me to follow, I get my first issue of QRPP, get my first issue of QQ, I got a 99 ARRL HB on the way, I have the Databook for Homebrewers on the way, I have a ZM-2 on the way, I have



a NorCal-20 on the way, I joined the ARRL, signed up for Popular Electronics, my meter is on the way, paid off my Master Card (woo woo) and get a BIG Christmas Bonus this month!!!  
Ade was sure right when he said, "The Joy of QRP"

As the QRPer hit CTRL-X to send this message a power surge came over the line killing everything in it's path, lucky for this QRPer he was running Linux, so everything continued to work just fine.

Eat your heart out Bill Gates.

72           \*           Jim, KU4QW - QRP-L #1481 - G-QRP #10117  
fielden@utkux.utcc.utk.edu - FISTS #5380 - QRP ARCI #9789  
<http://www.qsl.net/ku4qw/> - No-SSB Int(tm)#1,000,014

-----  
Date: Fri, 04 Dec 1998 14:59:46 +0000  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
To: qrp-l@Lehigh.EDU  
Subject: [26560] CT1ETT in UK in California again  
Message-ID: <3.0.5.32.19981204145946.00921bf0@mail.med.up.pt>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi, folks,

I intend to go to a medical meeting in California by the beginning of next year, this time in San Diego.

I would appreciate very much any info about radio dealers, surplus dealers and alike.

Tks in advance, best 72 de Roger, CT1ETT

-----  
Date: Fri, 4 Dec 1998 09:15:36 -0600  
From: vlantz@juno.com (Vann G Lantz)  
To: qrp-l@Lehigh.EDU  
Subject: [26561] 80M XTAL for Pixie-2  
Message-ID: <19981204.093252.9894.5.VLantz@juno.com>

I saw a message early that mentioned Dan December Specials. I saw a crystal called a HC-49U case type, 32PF load capacitance, available in 3.560Mhz. Is this the xtal that I need? I think it is but I thought that I would ask.

Vann Lantz

VLantz@Juno.Com

"If there is no God, then who pops up the next Kleenex in the box?"

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 4 Dec 1998 09:05:50 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu, cqclist@mtechnologies.com  
Subject: [26562] Christmas News from Morse Express  
Message-ID: <199812041606.JAA10891@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Morse Express has two new books that will make excellent holiday reading--

"The Complete DX'er," 2nd edition, by Bob Locher, W9KNI.  
Master DXer Bob Locher, W9KNI, gives you the secrets to successful DX, everything from cracking the DX CW pileup to surefire tips to guarantee that rare QSL card. Twenty-six chapters and over 200 pages of information presented in an informal narrative style that is as much fun to read as it is educational. And as an exclusive favor for Morse Express, each copy of the book is inscribed and autographed personally by Bob Locher. \$12.00

"McElroy, World's Champion Radio Telegrapher," by Tom French, W1IMQ.  
How many famous telegraphers can YOU name? Only one man really made it big as a telegrapher, inventor, marketer, and all around good guy, and that was Ted McElroy. Not only did he win the world's championship for copying Morse code, he held touch typing records and manufactured Morse keys and bugs that are valued by collectors, many of them still in use in radio shacks around the world. Leading "Mac" authority and collector Tom French gives you an entertaining biography of Ted McElroy, the man and the legend, and a detailed reference work for the Mac Keys. \$19.95

You'll find these and other books at <http://www.MorseX.com/books> .

And if you're looking for the perfect Christmas present for yourself or a ham friend or family member, we have a key or paddle to suit every budget and a wide range of kits, tools, and accessories.

It's all on our web site at <http://www.MorseX.com>(or <http://www.mtechnologies.com> and you can place a secure credit card order there. You can also order by phone on 800-238-8205, or call (303) 752-3382 for more information.

With the Greetings of the Season...

73

Marshall Emm

N1FN/VK5FN

[n1fn@MorseX.com](mailto:n1fn@MorseX.com)

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

-----  
Date: Fri, 4 Dec 1998 10:26:22 -0600  
From: William-McShan@ouhsc.edu (Mike McShan)  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [26563] Re: Acetone  
Message-ID: <v01540b02b28dbcda92de@[157.142.56.167]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Acetone is a substance of relatively low toxicity, being a natural byproduct of mammalian metabolism. Acetone is one of the so-called ketone bodies produced in the liver during fasting or in diabetes.

Probably more than anyone wanted to know... bottom line, don't drink a quart of acetone, but if you get a little on your hands it is no cause for alarm.

72,

Mike N5JKY

Edmond, OK

-----  
Date: Fri, 04 Dec 1998 10:09:43 -0800

From: w7ls@blarg.net  
To: qrp-l@lehigh.edu  
Subject: [26564] MINI-L=basic Y2K rig, maybe?  
Message-ID: <36682567.4490@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What with Y2K looming ominous on the horizon, and a good chance of normal communications going down, how about this proposed rig being configured as an inexpensive Y2K com-box?

In rough terms, it should be a 75 meter ssb or dsb rig, with cw capability. CW power of 1 watt and an optional module for kicking up the power on voice to 10 watts. Vfo with optional digital readout, likely a PIC, such as Small Wonders offers, or similar.

The intended use for this rig would be local communications, exceeding what a vhf/uhf ht can provide on simplex (remember, no repeaters because of no power grid).

The British Columbia hams up in the Vancouver area have made up several of this type of rig and use them daily to great effect. They are pretty cheap, too (er, the rigs, not the hams...).

My \$.02 for the day.

73 de Jim, W7LS

-----  
Date: Fri, 04 Dec 1998 08:56:39 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [26565] SOLD: BY-1 paddles  
Message-ID: <36681447.3F0E@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The BY-1 paddles are SOLD to KB8FE. Other wants/trades open.

--  
Allan G Taylor, PE    K7GT    k7gt@qsl.net    Pleasanton/Livermore CA

-----  
Date: Fri, 4 Dec 1998 11:59:41 -0500 (EST)  
From: James Skalski <jskalski@buffnet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [26566] Aug qex vfo?

Message-ID: <Pine.LNX.4.03.9812041158130.899-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone built the digital vfo from aug 1998 QEX?  
I don't have the article . I saw it mentioned at the FAR circuits site.

73,

Jim N2go

-----  
Date: Fri, 04 Dec 1998 8:18:33 PST  
From: Roger Traylor <traylor@ECE.ORST.EDU>  
To: qrp-1@lehigh.edu  
Subject: [26567] Opinion Received: wire and ladder line  
Message-ID: <199812041618.IAA23196@tongu.ECE.ORST.EDU>

Guys,

You ask for opinion here, boy, do you get opinions. Its  
like thanking the list of folks who get you a wedding gift.

The most often mentioned source by far was the wireman  
in Landrum, SC. 5 responses. Also mentioned was, Ham Central  
Radio Works, Davis Rf, Cable X-perts, and Radio Paul.

Several warned me away from copperweld. Well, my trees sway  
alot. I think I need it for strength. I'll stick to my  
guns and may be sorry. Anyway, life is so much more fun when  
untangling wire 50ft up a tree.

Thanks to the following for the opinions, good suggesstions, best wishes  
etc:

kb8fe  
w5jh  
gary  
mike  
k2reb  
n2to  
k5fo  
jim  
kc7mas  
w4bws  
k3ivb  
k8cv  
dave

w2gl  
w5tb

This mail reflector overwhelmingly reflects the best in  
ham radio. Thanks again.

Roger Traylor  
WB4TPW

-----  
Date: Fri, 4 Dec 1998 10:26:21 -0700 (MST)  
From: Jeff Johnson <jeff@san-dc.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [26568] Fall QRPp  
Message-ID: <3.0.32.19981204101101.00fdf520@san-dc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Doug:

I am looking forward to this because my documentation on the Elmer 101 got  
a little scattered. I was going to ask if anyone put the whole thing  
together in one piece, but you beat me to the punch.

Snip: "The Fall Issue is devoted entirely to the Elmer 101 series..."

Thanks!  
Jeff Johnson  
KJ7LO

AZ ScQRPions

Phoenix, Arizona

-----  
Date: Fri, 04 Dec 1998 10:34:25 -0800  
From: Grant Taylor <k7gt@qsl.net>  
To: DNT1@daimlerchrysler.com, qrp-l@lehigh.edu  
Subject: [26569] TG9NAKR call  
Message-ID: <36682B31.1C7C@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You likely copied it correctly. It is a NOVICE in Guatemala ! ! When he

sheds his novice status, the call becomes TG9AKR...

I worked a similar call (may be him) as part of my (QR0) DXCC on 40 cw. If you would like, I will check to see if it is the same fellow. If so, he will definitely QSL... Use standard defensive measures against mail invasion in 3rd world countries and send a buck with your SAE. I worked him about a year ago on about 7047 or so.

--

Allan G Taylor, PE    K7GT    k7gt@qsl.net    Pleasanton/Livermore CA

-----

Date: Fri, 04 Dec 1998 09:43:01 -0800  
From: W7LS <w7ls@blarg.net>  
To: jfarler@mis.net  
Cc: qrp-1@lehigh.edu  
Subject: [26570] Re: CW INTERFACE FOR FM RIGS, ANYONE?  
Message-ID: <36681F25.7C83@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This might sound dumb/obvious/etc, but the simple solution is to just put your mic down by the buzzer or speaker and wail away on the key. Use a rubber band to hold the mic down on the 2m rig. I'd use low power, too. Most 2m rigs are not rated for 100% key down. Works fine. Cheap, too. :-)  
All 2m rigs come with this cw feature, built in (oh, STOP!).

Jim W7LS

John Farler wrote:

>  
> You might try the circuits at the Tech Bench Elmers ARS at  
>  
> [Http://www.geocities.com/SiliconValley/2775/mcwintro.html](http://www.geocities.com/SiliconValley/2775/mcwintro.html)  
>  
> There is a good circuit there for this use which is supposed to put out  
> a good sine wave signal on MCW.  
>  
> Mike wrote:  
>  
> >My radio club is planning to begin some code practice sessions via one of  
> >our two meter repeaters. I think there are some commercial interfaces  
> >which will allow a key or keyer to be injected into the mic jack of an fm

> >rig. If so, what's your experience. If not, any sources for a home-brew  
> >design of such a package?  
>  
> >72,  
> >Mike Duke, K5XU,  
> >President,  
> >Mississippi Council of the Blind  
> ><http://www.prestridge.com/mcb/>  
>  
> John Farler, K4AVX, QRP-L #1753  
> jfarler@mis.net

-----  
Date: Fri, 4 Dec 1998 11:52:41 -0600  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [26571] RE: Acetone  
Message-ID: <000501be1fae\$e42b8320\$d8016f81@muenzlerk.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

...and quite toxic if you aren't careful with it. The fumes are EXTREMELY flammable also, so don't smoke or solder around it.

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU  
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Bruce Muscolino  
> Sent: Thursday, December 03, 1998 6:27 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Acetone  
>  
>  
> Preston,  
>  
> Some places you have to ask the pharmacist for Acetone. It  
> is a moderately  
> controlled substance.  
>  
> 73  
>



-----  
Date: Fri, 04 Dec 1998 09:55:07 -0800  
From: "Earl S. Mead" <k6esmead@pacbell.net>  
To: qrp-1@Lehigh.EDU  
Subject: [26572] Zombie Badges  
Message-ID: <366821FB.953649CE@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi All:  
Am I the only one having trouble getting a Zombie Badge?  
--  
73, CUL, Earl, K6ESM

The value of advice is in its use.

We find "Reasons" to do things; "Excuses" for not.

-----  
Date: Fri, 4 Dec 1998 13:28:47 -0500 (EST)  
From: bkobie@webtv.net (patrick obrien)  
To: qrp-1@lehigh.edu  
Subject: [26573] FAR  
Message-ID: <28469-366829DF-529@mailtod-131.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

NOTICED A MSG REFERENCE FAR COMPANY WHO HAS SIX MTR OSCILLATORS OR XMTR,  
DO THEY HAVE A WEBSITE? TNX 73/K8LEN

-----  
Date: Fri, 4 Dec 1998 18:32:38 -0000  
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>  
To: "gqrp-1" <gqrp-1@blacksheep.org>, "qrp-1" <qrp-1@lehigh.edu>  
Subject: [26574] Wanted! Backpacking pics and tales!  
Message-ID: <000a01be1fb4\$7dd46b40\$74e8b094@t7w6w7>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I am starting a new collection of pictures, etc for my web site. This is for all you backpackers and what I am asking for is pictures of your portable station, or and stories of your exploits 'in the field'.

Please assist me by sending me any pictures you may have of portable stations, any format. Failing emailing them, I can scan any pictures if snail mailed to me (QTHR).

Also please let me have any accounts of what you are doing in the portable line and will add them too. Naturally you will be given an acknowledgement on the web pages.

Thank you in anticipation.

.....

Frank G3YCC

GQRP Club 042

(g3ycc@g3ycc.prestel.co.uk)

Award winning QRP Web Site:

<http://www.homeusers.prestel.co.uk/g3ycc/index.html>

-----  
Date: Thu, 3 Dec 1998 18:29:36 -0000

From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>

To: <n4xy@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [26575] Re: Web Page Site Suggestions

Message-ID: <000801be1fb4\$7ab047e0\$74e8b094@t7w6w7>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Geocities give you one meg free as far as I recall. If you need any help with your web site I would be happy to help.

Best wishes

.....

Frank G3YCC

GQRP Club 042

(g3ycc@g3ycc.prestel.co.uk)

Award winning QRP Web Site:

<http://www.homeusers.prestel.co.uk/g3ycc/index.html>

-----  
Date: Fri, 4 Dec 1998 11:42:51 -0700  
From: "Keith Norrell" <knorrell@burgoyne.com>  
To: "Low Power Amateur Radio Discussion" <QRP-L@Lehigh.edu>  
Subject: [26576] Elmer - antenna help  
Message-ID: <008301be1fb5\$e6b7cf20\$6002c5d1@knorrell.burgoyne.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="koi8-r"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Fellow QRPers,  
the Novice raises its hand again.

I need a portable QRP antenna, but  
what I got was a confusing to the dirt  
farmer.

If I design/build an antenna what are  
the minimal requirements so I do not  
hurt my radio. For example, if I miss  
the calculations and the SWR is way off  
am I (my rig) in trouble? I read things  
like "any antenna is better than none" or  
"In this design I did not find a balun  
required," etc. I don't mind burning  
a good steak, but, not my toy.

I read the ARRL handbook, etc. It is now  
brown with flipping back an forth.  
Maybe a data overload issue. Anyway, I  
need to put this in my own words and  
ask the elementary questions.

Anyone out there willing to "hold my  
hand for a bit?"

Thanks,  
Keith KC7ZQR

-----  
Date: Fri, 4 Dec 1998 14:18:38 EST  
From: SKIPNC90@aol.com  
To: kd7s@psnw.com, qrp-l@Lehigh.EDU

Subject: [26577] Re: MINI-L:New rig proposal (long)  
Message-ID: <e63047a4.3668358e@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Bill and Gang,

I think this is a great idea... I have been kicking around this idea for awhile on my own. I wanted to build a rig with a common base plate PC board and plug-in sockets for the modules that way I could try different ideas for each stage and just unplug plug-in. This would make it easier to modify.

This is what I do now but with jumper wires all over the place.

My favorite experimenter PC board is the RS 276-150 because it is small enough for little and midsize projects. They also can be put in a small enclosure.

73, Skip NC90

-----  
Date: Fri, 04 Dec 98 15:43:08 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: "k5zty@juno.com" <k5zty@juno.com>  
Cc: qrp <qrp-1@lehigh.edu>  
Subject: [26578] Re: ELMER 200 crystal oscillator circuit  
Message-ID: <199812042139.QAA72324@nss4.cc.Lehigh.EDU>

Bill et.al.,

The crystal evaluator on page 28 of the July issue of The QRP Quarterly will do. It is a good one. And as you noted you can also find it on page 5-12 of the QRP Power book. I think I said you can't have enough books. Books are like a box of chocolates ... and you can't have too many. The libraries of the world are full of so many to be read.

The point is not that the student build a specific circuit for a crystal checker or oscillator. The point is that the student build ANY crystal oscillator using discrete components and get it first to work and then do the analysis later on.

I have received permission from the Rev. George Dobbs to put the original circuit on the web page and I will do so, hopefully in the next few days or the first of next week. I am behind with all the email that I have to do first to settle down the dust that is flying every full moon it seems like. :-)

Some one posted that I had moved and some people think that I'm in AZ already. Urban legend starting up. I'm in Dallas still. Just moved from a 2500 sq ft house to 1600 sq ft rental house until Sept of next year if all goes well on the new house. But one of the side effects has been my doing inventory, discovering some stuff that I forgot about or lost, etc. :-) Neat projects to work on and lots of time to kill doing them, so hang on. Have to move things from one pile to another. :-) My whole shack is worse than the back cover of Paul Harden's book. ;-)

Also during this transition period I left the full time job. You can only train so many managers. :-) And I was without QRP-L a while. It was actually an eye opener to me just how much time I had spent in 6 years at the keyboard and all the overhead of doing it.

After I get some projects done by the end of the year, which isn't that far away, there will be a pre-estate sale. Stay tuned. I know that several think that I should hold all the QRP gear that I have built over the years in one collection but it ain't gonna happen. My philosophy is that is far better to have a rig on the air being used by someone than to have it on the shelf looking all pretty. I can only work one rig at a time..... So I'm gonna take a final picture and then most of them go.

OK, thanks for the question Bill and good eyes on reminding us of the circuit. I will get permission from Mike Czuhajewski, WA8MCQ, to also put it on the web page along with the other circuit.

Also, for those that are worried about their expenses. All you need is one or two crystals to play with. Don't solder them into any circuit just yet if you can help it or if you feel like you want to see what the effects are in making some changes. Those that have many many crystals can spend a lot of time measuring characteristics and get a deeper understanding of just what they can and can't do. Film at 11.

Consider the crystal osc here as another small little tool, like the DVM, etc. around the shack. I lost mine in a pile somewhere so had to build another. :-) Life just isn't fair. And you know how frustrating it is to have something, you just saw it somewhere, but it grew feet and left the area.... Some relationship to Murphy's Law in there somewhere, I'm sure.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.ticnet.com/k5fo>

-----  
Date: Fri, 4 Dec 1998 13:23:53 -0600  
From: applitech@mcg.net (Claton Cadmus)  
To: <kd7s@psnw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [26579] Re: MINI-L:New rig proposal (long)  
Message-ID: <008801be1fbd\$c5abc040\$a10a5e2c@groucho>

Hi Bill and all,

In the many years I've been in this group we have had the idea of a QRP-L designed rig come up many times. Generally it goes nowhere and dies a slow death. That said I do think this is a great idea, and I've said that before.

The hardest part of this is getting it started. It really requires a design "ring" leader. It would appear Bill KD7S has volunteered to do this. It also requires a group of committed people to do the work. And that work must be accomplished on a schedule or the Internet will be filled with half done projects.

So far there have been a lot of "we should do it this way", and "not another of those type rig" posts. Although interesting reading, they don't get the ball rolling. Including my own concept which is something that is rarely found in the projects we build. This also works well with the modular concept. I'd like to see a dual band transceiver. 80, 40, 20, 15, 10 pick two. Start out simple, add on the extra stuff as you go. But this doesn't get us going.

So, here's something else you don't hear very often, I volunteer. Bill, write me and assign me a job and we will agree to a schedule. Now, how about the rest of you QRP-Ler's. Going to volunteer to help, or be sidewalk supervisors!

As for building technique, maybe that should be left up to the builder. Different techniques are favored like different wines. I for one think that SMT might be fun. Smaller construction technique groups could form to support each other.

FWIW, 73 de KA0GKC Cla

-----  
Date: Fri, 04 Dec 1998 12:45:30 -0700  
From: John Evans - N0HJ <jaevans@codenet.net>  
To: qrp-l@lehigh.edu  
Subject: [26580] Fwd: GQRP - Sierra PA Module - extra info  
Message-ID: <36683BDA.1CE12BD4@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi folks,

Peter has given me permission to pass on info from his GQRP-L posts to our list with respect to the DL-QRP PA that will work in the Sierra. In particular, I thought you'd like to see the specs on power out and current draw he posted.

have a great weekend - 72 - john - n0hj

peter barville wrote:

>  
> Some further info on the DL2AVH Sierra PA module:  
>  
> At 14v, with 50 ohm dummy load, the max power output on the various  
> bands were:  
>  
> 10m 9.5W  
> 15m 8.0W  
> 17m 8.0W  
> 20m 8.0W





URCALL RST ##### MN CLA NR 719 URCALL DE KA0GKC KN

Then if you would reply in this double format below it would be helpful to me, (I don't see any reason for me to send double except for the RST as you guys already know the other info) or send RST? RST? if you missed it.

R R RST ##### ST ST NAME NAME NR # NR # DE URCALL KN

Sample:

RR RST 559 559 MN MN JOHN JOHN NR 123 NR 123 DE K9DOG KN

And I'll ask for fills or end the QSO with;

TU QRZ FOX DE KA0GKC K

Good luck all the way around, I'll try my best to work you!

----

73 de KA0GKC Claton Cadmus  
cla@mcg.net

-----

Date: Fri, 4 Dec 1998 14:50:26 EST  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [26582] COLD BEACON  
Message-ID: <742cf026.36683d02@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

Not long ago, someone had mentioned that their MFJ CW QRP rig would not operate in very cold temps.

Don't remember exactly what the problem was but since I consider myself an MFJ Zombie # 1, I have the need to freeze my MFJ 40-M along with the Whiterook MK65 keyer/beacon.

Both have been in the deep freeze now for appx 3 hours.

I will remove them from the freezer and set the beacon on at 0100 UTC.

The rig will be set at 7060.

The beacon will be <V V DE WA2HOQ WA2HOQ TEST/B K HI>

BTW

One little mod I made to the MK65-B was to remove the battery holder, and soldered another 3 volt battery (2 sizes up and appx twice as thick).

It's been like this now for about 1 year.

The sidetone or keyer has never been shut off and so far, it looks like I may

get another year out of it.

So, keep your ears open for a beacon that may be drifting. (MFJ Drift? No way)

Looking for reports.

Oh, the MFJ is set at 4 watts and will be fed into a inverted V

Bob

WA2HOQ

-----  
Date: Fri, 4 Dec 1998 12:56:33 -0700

From: "Keith Norrell" <knorrell@burgoyne.com>

To: "Low Power Amateur Radio Discussion" <QRP-L@Lehigh.edu>

Subject: [26583] Elmer - Antenna

Message-ID: <002f01be1fc0\$325d26a0\$3d02c5d1@knorrell.burgoyne.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="koi8-r"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Fellow QRPers,

the Novice raises its hand again.

I need a portable QRP antenna, but  
what I got was a confusing to the dirt  
farmer.

If I design/build an antenna what are  
the minimal requirements so I do not  
hurt my radio. For example, if I miss  
the calculations and the SWR is way off  
am I (my rig) in trouble? I read things  
like "any antenna is better than none" or  
"In this design I did not find a balun  
required," etc. I don't mind burning  
a good steak, but, not my toy.

I read the ARRL handbook, etc. It is now  
brown with flipping back and forth.  
Maybe a data overload issue. Anyway, I  
need to put this in my own words and  
ask the elementary questions.

Anyone out there willing to "hold my  
hand for a bit?"

Thanks,  
Keith KC7ZQR

SPD

-----  
Date: Fri, 4 Dec 1998 15:21:59 -0500  
From: "N4XY Ed Tanton" <n4xy@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [26584] Re: FOX  
Message-ID: <006701be1fc3\$c0255b30\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well... I was there last night... sort of... had a major distraction at about 10 minutes past Fox-hour when I was trying to close operating desk draw a bit and attempted to scoop all the tools to the front. Pulled my pointy/CW dash-finger onto an Exacto knife blade about half-way through the finger. Happened so fast I actually felt it going in but not the pain-till it was out again! Smarted almost as much as it bled! Never did get settled back down enough to work the furry fellow, although I did have some Qs later on-including working the CL1 (Cuba? Gotta find my prefix list for that one) in the midst of a serious 40M pileup. Of course, I was running the QRO rig (Drake 2NT@50W out) at the time.

-----  
Date: Fri, 4 Dec 1998 14:22:52 -0600  
From: Jerry Henshaw <jerryh@webzone.net>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [26585] Acetone  
Message-ID: <01BE1F91.973B08A0@x2-usr.ppp98.webzone.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

I purchased a pint bottle of 100% pure Acetone at my local Wal Mart for \$1.99. I used a few drops of it on the 11-2-10 meter conversion project to loosen up the VCO tuning slug and the slugs on the Band Pass Filters and RX mixer board.

A lot of fingernail polish removers have acetone along with oils and other ingredients. Use 100% pure acetone and you should have little or no problems dissolving coil slug glue.

72's

Jerry Henshaw  
KR5L

-----  
Date: Fri, 04 Dec 1998 20:38:13 -0800  
From: Arthur Moe <kb7ww@chatusa.com>  
To: bkobie@webtv.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [26586] Re: FAR  
Message-ID: <3668B8B5.83FCC4FE@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

<http://www.cl.ais.net/farcir/>

patrick obrien wrote:

>  
> NOTICED A MSG REFERENCE FAR COMPANY WHO HAS SIX MTR OSCILLATORS OR XMTR,  
> DO THEY HAVE A WEBSITE? TNX 73/K8LEN

-----  
Date: Fri, 04 Dec 1998 20:45:22 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [26587] Re: Currency Conversion  
Message-ID: <3668446b.20280723@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Thu, 3 Dec 1998 19:37:05 -0500 (EST), Bruce Muscolino =  
<w6toy@erols.com>  
wrote:

>No matter where you find your currency conversion data -- on line or the  
>Wall Street Journal, to buy a rig overseas you will usually have to go

>through some commercial currency conversion scheme.

Bruce's point is well taken. Most commercial banks in major metropolitan areas have a currency conversion function -- but you have to ask. Don't forget about travel-related organizations like AAA or American Express, either! They usually have good currency services.

One more thing -- expect to pay a premium over published conversion = rates, unless you are prepared to convert US\$10,000 at a time. Published rates = are much like "prime" interest rates -- the best rates go to the best and = biggest customers. Expect a premium per transaction for frequent small amount transactions.

(I used to work at a research hospital that had extensive foreign = currency needs, because patients and staff came from all over the world!)

--

72 es 73 de Marty, KM7W

-----=  
-----  
Memphis, Tennessee =  
<http://home.earthlink.net/~mwattcpa>  
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =  
EM55ce  
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =  
Vengeance"

-----  
Date: Fri, 04 Dec 1998 15:56:03 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [26588] Re: Odd call during Foxhunt last night?  
Message-ID: <36684C63.827602E9@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

DNT1@daimlerchrysler.com wrote:

snip...

guy calling CQ that was signing "TG9NAKR" or at least that's what his  
> sending sounded like. He wasn't sending particularly fast or steady, so I  
> suppose that it could have been "TG9XKR" but I wasn't able to get any info

> on him from the QSL server or the QRZ & Buckmaster databases. I know he  
> was there (along with a lot of other stations who didn't seem to hear the  
> pile-up), just wondering if he was legit or a pirate...

>

snip...

Yep I heard him also hear in MI at 449 to 559. I did not have any more  
luck trying to figure out the call. I responded to one of his CQ's cuz I  
want to ask him to QSY but he did not come back. Someone else was  
sending \*freq in use\* but that did not seem to help either.

Ed Kwik AB8DF qrp-l# 1444

-----

Date: Fri, 4 Dec 1998 16:05:42 -0500

From: "N4XY Ed Tanton" <n4xy@email.msn.com>

To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [26589] Re: Favorite Parts?

Message-ID: <009101be1fc9\$e3749af0\$01010101@n4xy>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

///snip I'd really like to hear from folks about what semiconductors  
>and other parts I should be filling my parts bins with now if I hope to  
>continue to build things out of Doug DeMaw and Wes Hayward's books. Can  
>anyone give us an idea of what to stockpile???

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Well Skip... you missed out on 40673s... but any other dual gate mosfet  
would probably be a good idea... and if you do not plan to get into SMTs,  
you ought to save some of your own favorites-MPF102s, 2Nwhatevers, etc.

There is still 7400 stuff around... and it is getting more and more  
difficult... especially the 74S196... if you have any of these... hang onto  
'em (or send 'em to me-I'll be happy to take good care of them... one of the  
faster 'plain' dividers ever made. Even the 'regular 74196 is not around  
anymore-that I know of. The Drake R4-B uses 923 (DTL-I think) flops as  
divide-by-2s... have a friend in Italy looking for 2... and I'd like a  
couple myself-sine I too have an R4-B.

The 70s National & RCA stuff is fading away... and some of it was pretty  
good: the LM373, the CA3028A. And MANY older power supplies are based on  
the LM105/205/305 ICs.

-----  
Date: Fri, 4 Dec 1998 15:15:20 -0600  
From: William-McShan@ouhsc.edu (Mike McShan)  
To: qrp-1@Lehigh.EDU  
Subject: [26590] Son of Fireball meets Jersey Fireball 40  
Message-ID: <v01540b01b28e007dcf8f@[207.193.33.192]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Talk about timing....

I'm sure that you all have read the NJ-QRP club announcement about their new kit, the Jersey Fireball 40. I think this project sounds like loads of fun and I definitely will order one.

How does this kit affect my announced group buy for the custom 28.060 MHz oscillators? Well, first, thanks to all who've expressed an interest in the group purchase. Great response. What happens next is up to you.

George Heron, N2APB, and I have been in communication over the coincidence of my group buy and their kit. Some people who were interested in buying an oscillator may no longer be interested and would rather just have the Jersey Fireball 40 kit. Great, no problem; I understand perfectly. However, there may be those of you who would like to have both (this includes me). George tells me that a 14 pin IC socket can be mounted on the PC board so that you could easily swap out the two oscillators. The divide-by chain is still useful for the custom oscillator, allowing outputs at 14.030 MHz, 7.015 MHz, and 3.5075 MHz (OK, so those last two are in the extra class allocation). So, basically for around \$6 - \$6.50 (including postage) you can add an additional set of useful frequencies to the NJ-QRP kit.

So here is how I'm going to handle things. As of this posting, the slate for the order list is wiped clean. Sorry, but I think that this is the best way. If you are no longer interested in the custom oscillator group buy, then you don't have to do anything. But, if you are STILL interested in getting the 28.060 MHz oscillator then email me again at William-McShan@ouhsc.edu. Actually, there may even be more interest now, so I should point out that if we order 100 units, the price will drop from \$5.48 to \$5.13 apiece. Pretty cheap way to have fun on 10M (and 20M and 40M and 80M!).

Once again, please write to me directly at William-McShan@ouhsc.edu, not to

QRP-L.

BTW, if you missed the Jersey Fireball 40 announcement here on the list, you can see it at the NJ-QRP website: <http://www.njqrp.org/fireball40/>.

72 and have a good weekend,  
Mike N5JKY  
Edmond, OK

-----  
Date: Fri, 4 Dec 1998 14:22:00 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: N4XY Ed Tanton <n4xy@email.msn.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [26591] Re: Favorite Parts??  
Message-ID: <Pine.BSI.3.96.981204142130.12218A-100000@usr08.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mine is the BC549, perhaps the quietest and most linear low-frequency transistor money can buy. And, of course, its' PNP counterpart (no pun intended): the BC559. Great stuff for HF receiver front-ends. Both have an ft of 300MHz and noise figures below 2dB. And they are damned cheap. Get them from either Philips or Fairchild, but NOT Motorola.

On Thu, 3 Dec 1998, N4XY Ed Tanton wrote:

> Now THIS is a good idea!!! Yes indeedy: the 2N2222A of course... and, now  
> that I ran into 1000 of 'em on ebay: the 2N3904. Preferably the metal  
> '2222A; and I've liked the 2N3904 since my time at Tektronix-where they were  
> a mainstay. The PNP counterpart to the 2N2222A is the 2N2907A... both great  
> transistors.  
>

What's all this  
extinct stuff, anyhow?  
|/  
oo\

Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services



Date: Fri, 4 Dec 1998 11:16:22 -0800  
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [26593] Re: MINI-L:New rig proposal

Message-ID: <19981204191335.HXFI24361@default>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Great idea ... love the 6M variation ... but let's start with state of the art concept instead of another marginal rcvr/xmtr ....

For those who didn't order the NC20 in time, what say we consider that as the basic rig which could be the heart of the tunable transverter for 6m/2m or standalone? We believe the design will be a good one, it will be more bulletproof than an NE602 front end radio, etc etc etc. I know this wasn't Bill's original rig concept -- but it seems do-able, and the more I read about the NC20, the more I want one EVEN THOUGH THE SUPPLY HAS RUN OUT!

73/72 de alan

Alan Kaul, W6RCL, LaCanada, CA e-mail: w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html> or  
<http://home.att.net/~alan.kaul/qrp.html>

-----  
Date: Fri, 4 Dec 1998 17:10:01 -0500 (EST)  
From: lujce@Lehigh.EDU  
To: qrp-l@lehigh.edu  
Subject: [26594] QRP-L is down  
Message-ID: <199812042210.RAA139092@nss4.cc.Lehigh.EDU>  
Content-Type: text

Gang,

The list will be down for awhile. You might want to use the time to get on the air, build something, spend time with the fam...

73  
Jim N3VXI

-----  
End of QRP-L Digest 1296  
\*\*\*\*\*  
-----